

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



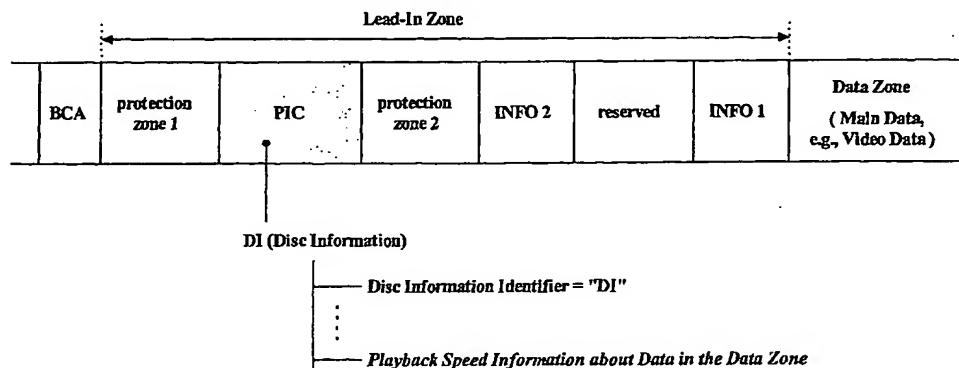
(43) International Publication Date  
5 August 2004 (05.08.2004)

PCT

(10) International Publication Number  
WO 2004/066284 A1

- (51) International Patent Classification<sup>7</sup>: G11B 7/007
- (21) International Application Number: PCT/KR2004/000108
- (22) International Filing Date: 20 January 2004 (20.01.2004)
- (25) Filing Language: Korean
- (26) Publication Language: English
- (30) Priority Data:  
10-2003-0004931 24 January 2003 (24.01.2003) KR
- (71) Applicant (for all designated States except US): LG Electronics Inc. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, 150-010 Seoul (KR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SUH, Sang Woon [KR/KR]; 110-709, Hyundai Apt., 1346, Seocho 2-dong, Seocho-gu, 137-861 Seoul (KR). KIM, Jin Yong [KR/KR]; 109-602, Seonkyung Apt., Yatap-dong, Bundang-gu, 463-928 Seongnam, Kyunggi-do (KR).
- (74) Agent: PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Kangnam-gu, Seoul 135-272 (KR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF MANAGING PLAYBACK SPEED INFORMATION OF A RECORDING MEDIUM, RECORDING MEDIUM WITH PLAYBACK SPEED INFORMATION FOR VIDEO CONTENT RECORDED THEREON, AND REPRODUCING METHOD FOR THE RECORDING MEDIUM



(57) Abstract: The present invention relates to a method of enabling to reproduce main A/V data recorded on a high-density recording medium such as a Blu-ray Disc Rom at a playback speed suitable to the recorded main A/V data. In the present method, when main video data is recorded on a recording medium, playback speed information suitable to the video data is also written within a disc information table allocated in a PIC area that is located ahead of a data area including the video data. The present method is efficiently applicable to a high-density recording medium containing higher-quality video data that requires higher transfer rate than a digital TV broadcast stream that requires about 36 Mbps transfer rate.

WO 2004/066284 A1